OOK

Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

First and final bill:
Pre-measurements.

Serial No. .....

Name of Work Improvements to drains from of 5th cross road of Shabarinagara in Byatarayanapura in ward no.07. 497027

Name of Contractor of nature of Agency .....

Date of commencement of work Sri. Sambashiva Reddy. G.

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est cost:- 25.80 lakhs						
	Job code:	007-19-	000143				
	Head of account:	P1771					
	A.S.NO:-	AS|CE(YNK)|29|19-20, dt: 09.05.19					
	T.S.NO:-	TS|CE(YNK)|14|19-20, dt: 09.05.19					
	Agr no:-	NO.BBMP|EE|BTP|Agr|31|19-20, dt: 28.06.19.					
	Work order no:-	NO.BBMP|EE|BTP|WO|31|19-20, dt: 28.06.19.					
	Approved tender price:-	2049047-40		(excluding GST)			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Premeasurements recorded on:			05.07.19			
	Item No.01:- Earthwork excavation by manual means in ordinary soil,						
	5th cross-road:-						
	0-30	01	30.0	0.95	0.85	= 24.23	
	30-60	01	30.0	0.95	0.85	= 24.23	
	60-90	01	30.0	0.95	0.85	= 24.23	
	90-120	01	30.0	0.95	0.85	= 24.23	
	120-165	01	45.0	0.95	0.85	= 36.34	
	Main road:-						
	RHS:- 0-30	01	30.0	0.95	0.85	= 24.23	
	30-60	01	30.0	0.95	0.85	= 24.23	
	60-90	01	30.0	0.95	0.85	= 24.23	
	90-120	01	30.0	0.95	0.85	= 24.23	
					C/O	230.18	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	120-135	01
	LHS:- 0-30	01
	over-burden earth:-	0
	RHS:-	0

Assistant Executive Engineer
Kodigehalli Sub Division.
Yelahanka Zone, B.B.M.P.
Bangalore

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
.07.19			
means in ordinary soil,			
95	0.85 = 24.23		
95	0.85 = 24.23		
95	0.85 = 24.23		
95	0.85 = 24.23		
95	0.85 = 36.34		
95	0.85 = 24.23		
95	0.85 = 24.23		
95	0.85 = 24.23		
95	0.85 = 24.23		
	C/o 230.18		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

497028

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 230.18 7	Reference to last Measurement 8
	120-138	01	19.0	0.95	0.85 =	15.34	
	LHS:- 0-30	01	30.0	0.95	0.85 =	24.23	
						269.71 cum	B/F 269.75
	over-burden earth:-	01	15.0	1.50	0.90 =	20.25	
					=	289.95 cum	290.00
	RWH:	04	(0.28)		0.50 =	2.80	
						292.80	Abstd. N.D AE(WZ)

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 02:- Premeasurements recorded on: 08.07.19						
	Providing and laying in position plain cement concrete of nominal mix - 1:4:8.)						
	Rcc drain bottom:						
	5th cross road:-						
	0-30	01	30.0	0.95	0.15	= 4.28	
	30-60	01	30.0	0.95	0.15	= 4.28	
	60-90	01	30.0	0.95	0.15	= 4.28	
	90-120	01	30.0	0.95	0.15	= 4.28	
	120-165	01	45.0	0.95	0.15	= 6.41	
	Main road:-						
	RHS:- 0-30	01	30.0	0.95	0.15	= 4.28	
	30-60	01	30.0	0.95	0.15	= 4.28	
						32.09	C/O

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	60-90	
	90-120	
	120-139	
	LHS:- 0-30	

Assistant Executive Engineer
Kodigehalli
Yelahanka Zone, B.B.M.P.
Bangalore.

OK

Depth 6	Contents 7	Reference to last Measurement 8
7.19		
ain - cement - concrete of		
0.15 =	4.28	
0.15 =	4.28	
0.15 =	4.28	
0.15 =	4.28	
0.15 =	6.41	
0.15 =	4.28	
0.15 =	4.28	
	32.09	c/o

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497029

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents	Reference to last Measurement 8
						32.709 B/F	
	60-90	01	30.0	0.95	0.15 =	4.28	
	90-120	01	30.0	0.95	0.15 =	4.28	
	120-139	01	19.0	0.95	0.15 =	2.71	
	LHS:- 0-30	01	30.0	0.95	0.15 =	4.28	
						47.60 Sum 47.64	
							Actually N.D. AE(WX)

Certified
8/7/19
Assistant Executive Engineer
Kodigehalli
Yelahanka Zone, B.B.M.P.
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.04:- Premeasurements recorded on: 12.07.19						
	Providing TMT steel reinforcement.)						
				No of rods	Le of V bar	Total 10 mm	length 8 mm
	5th cross road:- CH						
	Main rod 0-30	01	30.0	335	1.85	619.75	-
	Distribution	-	-	7	30.0	-	210
	30-60	01	30.0	335	1.85	619.75	-
		-	-	7	30	-	210
	60-90	01	30.0	335	1.85	619.75	-
		-	-	7	30	-	210
	90-120	01	30.0	335	1.90	636.50	-
		-	-	7	30	-	210
						2495.75	840

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	120-165
	Main-road- RHS:-
	0-30
	30-60
	60-90.

	Contents 7	Reference to last Measurement 8
	Total length	
	10 mm	8 mm
	619.75	–
	–	210
	619.75	–
	–	210
	619.75	–
	–	210
	636.50	–
	–	210
	2495.75	840

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497039

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 2495.75 7	Reference to last Measurement 840 8 B/F
	120-165	01	45.0	490	1.90	931	–
		–	–	7	45	–	315
	Main-road RHS:-						
	0-30	01	30.0	335	1.85	619.75	–
		–	–	7.0	30	–	210
	30-60	01	30.0	335	1.80	603.0	–
		–	–	7.0	30	–	210
	60-90	01	30.0	335	1.80	603.0	–
		–	–	7.0	30	–	210
					c/f	5252.50	1785

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						5252.50	1785 B/F
	90-120	01	30.0	335	1.85	619.75	-
		-	-	7.	30	-	210
	120-139	01	19.0	206	1.85	370.0	-
		-	-	7	19.0	-	126
	RHS:- 0-30	01	30.0	335	1.85	619.75	-
		-	-	7	30	-	210
						6862	2331
						@0.62kg/cum @0.39kg/cum	
						4254.44 + 909.09	
						5163.53 =	5.1 tonne.
						Abstract rate of Rs. 69055.59	

Checked
12/7/19
Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

As Apply. N.D
AE(M)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item NO.05:- Premeasuren
	Providing and r
	5th cross road:-
	0-30
	30-60
	60-90
	90-120
	120-165
	Mainroad:-
	RHS:- 0-30
	30-60

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
		5252.50	1785 B/F
35	1.85	619.75	-
	30	-	210
00	1.85	370.0	-
	19.0	-	126
35	1.85	619.75	-
	30	-	210
		6862	2331
		@0.62kg/cum @0.39kg/cum	
		4254.44	909.09

Apply N.D
AE(M)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497031

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No.05:- Premeasurements recorded on: 15.07.19						
	Providing and removing centering, shuttering, strutting, propping etc,						
	5th cross road:-						
	0-30	1x4=4	30.0	-	0.45	= 54.0	
	30-60	1x4=4	30.0	-	0.45	= 54.0	
	60-90	1x4=4	30.0	-	0.45	= 54.0	
	90-120	1x4=4	30.0	-	0.45	= 54.0	
	120-165	1x4=4	45.0	-	0.45	= 81.00	
	Mainroad:-						
	RHS:- 0-30	1x4=4	30.0	-	0.45	= 54.0	
	30-60	1x4=4	30.0	-	0.45	= 54.0	
						405.00	C10

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						405	B/F
	60-90	1x4=4	30.0	-	0.45	= 54.0	
	90-120	1x4=4	30.0	-	0.45	= 54.0	
	120-139	1x4=4	19.0	-	0.45	= 34.20	
	LHS:- 0-30.	1x4=4	30.0	-	0.45	= 54.0	
						601.20 Sqm	
						Abstly. N.D AE(Civil)	
	Clerk Checked 15/11/19 Assistant Executive Engineer, Kodigehalli Sub Division; Yelahanka Zone, B.B.M.P., Bangalore						
	Item No 6-1: Premeasurements recorded on: 24.07.19						
	laying reinforced cement NP-2 pipe.,						
		04	1.5	-	-	= 6m	
							Abstly. N.D AE(Civil)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No 08:- Premeasu
	Providing 10
	Item No 09:- Premeasu
	Providing 40

K

epth 6	Contents 7	Reference to last Measurement 8
	405	B/F
45 =	54·0	
45 =	54·0	
45 =	34·20	
45 =	54·0	
	601·20 sqm	
	Abstly. N·D AE(Lvl)	
7·19		
	= 6m	Abstly. N·D AE(Lvl)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497032

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No·08:- Premeasurements recorded on: 25·07·19						
	Providing 100mm and down size nominal size;						
		04	(0·28)		0·60 =	0·68 cum	
							Abstly. N·D AE(Lvl)
	Item No·09:- Premeasurements recorded on: 25·07·19						
	Providing 40mm and down size nominal size;						
		04	(0·28)		0·40 =	0·45 cum	
							Abstly. N·D AE(Lvl)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.10:- Premeasurements recorded on: 25.07.19						
	Providing 20mm and down size nominal size.,						
		04	(0.28)		0.40	= 0.45 cum	
						Actually N.D	
						AE(WT)	
	Item No.11:- Premeasurements recorded on: 25.07.19						
	Providing fine aggregate 2.36mm nominal size.,						
		04	(0.28)		0.30	= 0.34 cum	
						Actually N.D	
						AE(WT)	

Checked

Assistant Executive Engineer,
Hoodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

1st & final Bill

Serial No. ABSTRACT

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Item No.01:- Earthworks exec involving an average ho 1.5m, excavated surfac disposed earth to be l Qty vide page At the rate of	
	Item No.02:- Providing and nominal mix 1:4:8 with c graded granite metal	

OOK.

	Depth 6	Contents 7	Reference to last Measurement 8
	·07·19		
	inal size.,		
	0·40	= 0·45 cum	
		Abpll. N·D AE(WJ)	
	·07·19		
	nominal size.,		
	0·30	= 0·34 cum	
		Abpll. N·D AE(WJ)	

1st & final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497033

Serial No. ABSTRACT

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item. No·01:- Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 1·5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breating clods complete, Qty vide page no 497028 →				290·41 cum		36736·87
	At the rate of Rs. 126·50 →						
	Item. No·02:- Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180 kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	exeeeding 15cms, th. well compacted in foondation and plinth, including cost of all material.,						
	Qty vide page no 497029 →					47.60 cum	
	At the rate of Rs. 4964.65 →						236317.34
	Item No 04:- Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members, wherever necessary complete as per design.,						
	Qty vide page no 497030 →					5.10 tonne.	
	At the rate of Rs. 69055.59 →					352183.51	69055.59

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Item No 05:- Providing an propping etc., for column square rectangular slab materials, labour compl	
	Qty vide page no	
	At the rate of Rs	
	Item No 07:- Laying reinf concrete pipe for culverts single row including	

BOOK

s adth 5	Depth 6	Contents 7	Reference to last Measurement 8
		in foundation and plinth,	
		7·60 cum	236317·34
		nt for RCC work including ing, placing in position, quired, tying with adjoining members, design.,	
		5·10 tonne.	352183·51
→		352183·51	69055·59

AJS/EE sgm

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497034

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 05:- Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/rectangular slabs/side-walls, polygon in plan including cost of materials, labour complete.,						
	Carry side page no 497031 →				601·20 sqm		
	At the rate of Rs. 443·72 →						266764·46
	Item No 07:- laying reinforced cement concrete pipe NP2/prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	excluding excavation, protection works, backfilling, concrete & masonry works in head walls and parapets complete as per specifications.						
	Qty vide page no	497031 →		6m			32917.32
	At the rate of Rs.	5486.22 →					5486.22
	Item No.08:- Providing 100mm and down size nominal size.,						
	Qty vide page no.	497032 →		0.68 cum			
	At the rate of Rs.	906.63 →					616.51

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2
	Item No.09:- Provi
	Qty vide
	At the ra
	Item No.10:- Provid
	Qty vide
	At the ra

Contents	Reference to last Measurement
7	8
filling, concrete &	
complete as per	
	32917.32
	5486.22
al size.,	
	616.51

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

497035

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 09:- Providing 40mm and down size nominal size.,						
	Qty vide page no 497032 →			0.45	cum		
	At the rate of Rs. 1001.93 →						450.87
	Item No 10:- Providing 20mm and down size nominal size.,						
	Qty vide page no. 497032 →			0.45	cum		
	At the rate of Rs. 1001.93 →						450.87

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.11:- Providing fine aggregate 2.36 nominal size., Qty vide page no. 497031 → 0.34 cum At the rate of Rs. 967.83 →						329.06
	Item No.03:- Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplasticizers @ 3lts confirming, concrete laid in layers not exceeding 15cms, thick, vibrated for all works in foundation plinth and ground floor, level to roof slabs.;						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	Rec-drain-bottom:-	
	5th cross road:-	
	0-30	01
	30-60	01
	60-90	01
	90-120	01
	120-165	01
	Main road:-	
	R+L:- 0-30	01
	30-60	01
	60-90	01

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
			6 nominal size.,
			4 cum
			329.06
			ion reinforced cement
			nent @ 320kgs with 20mm
			al coarse aggregates
			·460 cum with superplasi-
			d in layers not exceeding
			in foundation plinth and

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497036

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	RCC drain - bottom:-						
	5th cross road:-						
	0-30	01	30.0	0.95	0.15	= 4.28	
	30-60	01	30.0	0.95	0.15	= 4.28	
	60-90	01	30.0	0.95	0.15	= 4.28	
	90-120	01	30.0	0.95	0.15	= 4.28	
	120-165	01	45.0	0.95	0.15	= 6.41	
	Main road:-						
	0-30	01	30.0	0.95	0.15	= 4.28	
	RHS:- 30-60	01	30.0	0.95	0.15	= 4.28	
	60-90	01	30.0	0.95	0.15	= 4.28	
						36.37	C10

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						36.37	B/F
	C/F.C.						
	90-120	01	30.0	0.95	0.15 =	4.28	
	120-139	01	19.0	0.95	0.15 =	2.71	
	LHS:- 0-30	01	30.0	0.95	0.15 =	4.28	
						47.60 cum	
	5th cross road:- 0-30	1x2=2	30.0	0.15	0.45 =	4.05	
	30-60	1x2=2	30.0	0.15	0.45 =	4.05	
	60-90	1x2=2	30.0	0.15	0.45 =	4.05	
	C/F.C. 90-120	1x2=2	30.0	0.15	0.45 =	4.05	
	120-145	1x2=2	45.0	0.15	0.45 =	6.08	
						22.28	C/O

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2
	Main road:-
	RHS:-
	LHS:-
	At the

AJS/EE

BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		36.37 B/F	
0.95	0.15	= 4.28	
0.95	0.15	= 2.71	
0.95	0.15	= 4.28	
		47.60 cum	
0.15	0.45	= 4.05	
0.15	0.45	= 4.05	
0.15	0.45	= 4.05	
0.15	0.45	= 4.05	
0.15	0.45	= 6.08	
		22.28	C/O

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497037

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2		Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 22.28 7	Reference to last Measurement 13/F 8
	Main road:-	0-30	1x2=2	30.0	0.15	0.45	= 4.05	
	RHS:-	30-60	1x2=2	30.0	0.15	0.45	= 4.05	
		60-90	1x2=2	30.0	0.15	0.45	= 4.05	
		90-120	1x2=2	30.0	0.15	0.45	= 4.05	
		120-139	1x2=2	19.0	0.15	0.45	= 2.57	
	LHS:-	0-30	1x2=2	30.0	0.15	0.45	= 4.05	
							45.09 cum	45.10
					Total =		92.69 cum	
	At the rate of Rs. 5506.65 →							510411.39

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.06:- Providing and fixing using reinforced cement concrete M20 mix 20mm and down size including centering and bar bending machine mixed concrete exceeding 15 cm th.)	10cms th pre cast				RCC covering slab with stone aggregate shuttering reinforcement laid in layers not	
	5th cross road:-						
	0-30	50	0.60	0.90	-	= 27.0	
	30-60	50	0.60	0.90	-	= 27.0	
	60-90	50	0.60	0.90	-	= 27.0	
	90-120	50	0.60	0.90	-	= 27.0	
	120-165	75	0.60	0.90	-	= 40.50	
						148.50	=10

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Main road - RHS: 0-30	50
	30-60	50
	60-90	50
	90-120	50
	120-139	33
	LHS:- 0-30	50
	At the rate of Rs	

Contents	Reference to last Measurement
7	8
RCC covering slab	
stone aggregate	
ering reinforcement	
in layers not	
27.0	
27.0	
27.0	
27.0	
40.50	
148.50	=10

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

497038

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	148.50	B/F
1	2	3	4	5	6	7	8
	Main road - RHS: 0-30	50	0.60	0.90	1.0	= 27.0	
	30-60	50	0.60	0.90	-	= 27.0	
	60-90	50	0.60	0.90	-	= 27.0	
	90-120	50	0.60	0.90	-	= 27.0	
	120-139	33	0.60	0.90	-	= 17.82	
	LHS:- 0-30	50	0.60	0.90	-	= 27.0	
						301.32 Sqm	
	At the rate of Rs. 1927.80 →						580884.70

MEASUREMENT BOOK

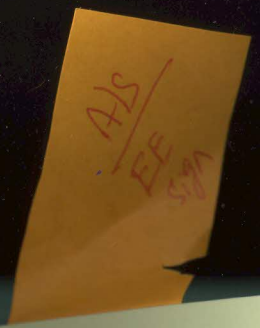
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.12:- Providing and fixing MS-grating 260 x 260 mm						
	5-th cross road:	28	-	-	-	= 28	
	Main road:	26	-	-	-	= 26	
						54 nos	
	At the rate of Rs. 77.80 →						4201.20
	Item No.13:- loading and unloading charges.)						
	Qty vide item no. 01 → 290.41 cum						
	At the rate of Rs. 86.60 →						251.49.51
					TOTAL=	2047413.60	

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

Abhilly.N.D
AE(W)
01/08/19

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Certificate:-	
	1) certified that contrac	
	Abhilly.N.D AE(W)	
	C. Samba Shiva Reddy (Contractor)	



OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
ing	260 x 260 mm		
-	- =	28	
-	- =	26	
		54 nos	
			4201.20
harges.)			
41 cum			
			25149.51
TOTAL=		2047413.60	

1/08/19

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497039

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Add 12% GST charges =	245689:00

Certificate:-

1) Certified that contractor has completed the work satisfactorily.

Abhilf. ND
AE(W)

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

C. Samba Shiva Reddy
(Contractor)

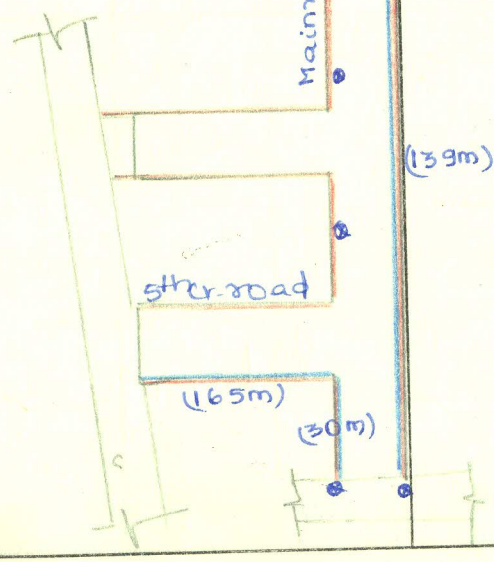
MEASUREMENT BOOK

N

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

towards Ayyappa temple ←

LNT compound wall → toward NH



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Rcc drain

⊗ RWH

Asstt.E.E(NH)

Assistant Executive E
Kodigehalli Sub Di
Yelahanka Zone, B.

A/S
EE
SDA

Serial No. Royalty charg

Name of Work

Name of Contractor of nature of

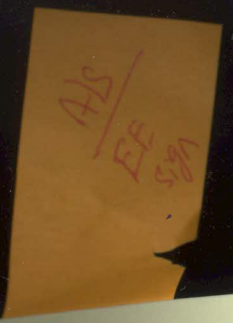
Date of commencement of work

Date	Full description, etc, of
1	2
sl no.	Details
02.	40mm → 47.6
03.	M20 → 92.65
	Tota

Abstract:-

1) Coarse aggr

2) Fine- aggrg



epth 6	Contents 7	Reference to last Measurement 8
→toward NH		

INDEX

— Rec-drain

⊗ RWH

Mulla. N.D
AE(NH)

Assistant Executive E
Kodigehalli Sub Di
Yelahanka Zone, B.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497040

Serial No. Royalty charges:-

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Coarse		Fine			
	Sl no. Details	Co-eff	Qty	Co-eff	Qty.		
02.	40mm → 47.60 cum	0.96	45.69	0.48	22.85		
03.	M20 → 92.69 cum	0.85	78.78	0.416	38.55		
	Total		124.47		61.40		
	Abstract:-						
	1) Coarse aggrigate:	124.47	x 105	/cum	=	13069.35	
	2) Fine- aggrgate:	61.40	x 103	/cum	=	6324.20	
						19393.55	-

MEASUREMENT BOOK

1st & Final Bill

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P1771 - POW ರದಿ ಬಿಲ್ಲು ಮೊತ್ತ ರೂ. 2293100/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 108600/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 2184500/- ಗಳನ್ನು FT/NEFT/ಚೆಕ್ಕ್ ಮುಖಾಂತರ ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿದೆ ಸಹಿ/ ವಿಷಯ ನಿರ್ವಾಹಕರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಬೃಹತ್ ಬೆಂಗಳೂರು		TTB	2293100		
			It	22931			
			C&S+	20475			
			S&S+	20475			
			LWF	22931			
			CBF	2328			
			LR	19460			
			Adjst.	108600			
			Chq...	2184500			

S...
N...
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2